

# Getting Started with OpenTelemetry

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# What is Observability?

## Observability(관측가능성, 관찰가능성)

- 시스템의 속성을 자세히 설명하는데 사용하는 용어
- System을 통해 시스템과 애플리케이션에서 발생하는 문제를 파악
- 기본 구성요소 : Logs, Metrics, Traces

# What is OpenTelemetry?



## OpenCensus with Prometheus and Kubernetes

Observability에 필요한 telemetry 데이터인 Logs, Metrics, Traces 를 계측 (instrumentation)하고 내보내기(export)를 담당하는 specification이자 SDK set.

제공되는 라이브러리를 사용해서 공급업체 중립적인 방식으로 여러 아키텍처에 대한 애플리케이션을 계측

# Why?

Treat your presentation the same way you treat code.

Use git to track changes. Pull requests to collaborate. Deploy to a webpage automatically.

See a bug? Open an issue or pull request!

# Setup

Want to create your own?

First, create a new repo [from the template repo](#).

# Configure GitHub Pages

[Setup publishing.](#)

Remember the branch and URL shown.

# Update Workflow

You'll update the workflow file over the next few slides. You can do this right in the GitHub web page (click on the pencil icon).

```
.github/workflows/main.yml
```

## **BASE\_URL**

Set this to the domain you're using for GitHub Page (from earlier).

If you add a custom domain later, you'll need to update this.



## PUBLISH\_TO\_BRANCH

Tell the build which branch you are using for GitHub Pages (you picked this earlier).

This is likely either `main` or `gh-pages`. Set `PUBLISH_TO_BRANCH` to the correct branch.

# Update Workflow

Commit `.github/workflows/main.yml` back to `dev` branch.

This will kick off a build.

# Check if the build succeeded

Click on Actions tab and see if the build succeeded.

# Load your new web page

Any update to your site will take a few minutes to be visible. Be patient.

# Create your slides

Finally, start adding your own content.

You can [install and run marp-cli](#) locally to test out the content before publishing.

# Learn more about Marp

This is a good time to learn more about Marp. Here's some resources:

- [CommonMark](#)
- [Cheat Sheet](#)
- [Themes](#)
- [CSS Themes](#)
- [Directives](#)
- [VS Code plugin](#)

# Example Sites

Known sites using this action are:

- [University of Illinois at Urbana-Champaign's CS 199 Even More Practice \(code\)](#)

Send a [pull request](#) to get your site added.

# Publish your slides

When you are ready to share your presentation, commit or merge to `dev` and your content on GitHub Pages will automatically update.





**Hooray!**